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(54) Baby bed assembly

(57) A baby bed assembly (4) has a package box (44), four rods (42), four corner seats (41), and six bed plates (43). Each of the corner seats (41) has a centre

hole (411) receiving the respective rod (42). The package box (44) receives the rods (42), the corner seats (41), and the bed plates (43).

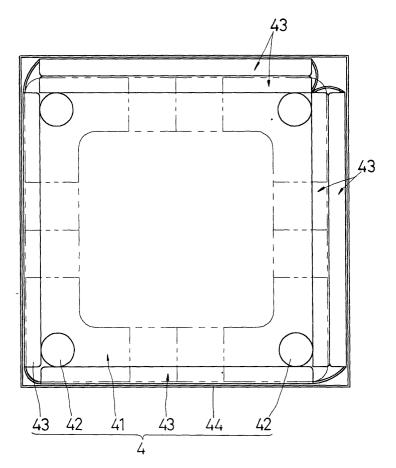


FIG.4

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Description

[0001] The present invention relates to a baby bed assembly, particularly to a baby bed assembly which can be folded into a compact configuration.

[0002] Foldable baby bed assemblies are already known. Figures 1 and 2 show such a conventional foldable baby bed assembly in a folded state. Five bed plates 2 enclose the conventional foldable baby bed frame 1. A package box 3 receives the bed plates 2 and the conventional foldable baby bed frame 1.

[0003] The problem associated with the above baby bed assembly is that even in the folded state the length of the package box 3 as well as the width is approximately 250 mm.

[0004] It is therefore an object of the invention to provide a baby bed assembly which can be folded into a more compact configuration in order to reduce the volume of the package.

[0005] According to the invention this object is achieved by means of a baby bed assembly as set out in claim 1.

[0006] The invention is described hereafter with a reference to the appended drawings. In the drawings:

Fig. 1 is a perspective view of a folded baby bed frame of the prior art,

Fig. 2 is a schematic view illustrating a package box receiving five bed plates and a conventional foldable baby bed frame of the prior art,

Fig. 3 is a perspective assembly of a rod and a corner seat of the preferred embodiment in accordance with the present invention, and

Fig. 4 is a schematic view illustrating a package box receiving six bed plates and four rods.

[0007] According to Figures 3 and 4, a baby bed assembly 4 according to the present invention comprises a package box 44, four rods 42 forming the legs of the baby bed in the assembled state, four corner seats 41 and six bed plates 43. Each of the corner seats 41 has a centre hole 411 receiving a respective rod 42. In the folded state the baby bed is packed into the package box 44 by putting the rods 42 and the corner seats 41 into the middle of the package box 44 and arranging the bed plates 43 directly around the folded frame without leaving a space between the corner seats 41 and the package box 44. In this manner, a baby bed having in the assembled state comparable dimensions to the conventional baby bed can be packed into a package box 44 of about 190 mm in length 190 mm in width.

Claims

1. A baby bed assembly (4) comprising a package box (44), four rods (42), four corner seats (41) and bed plates (43), the package box (44) being adapted to

receive the rods (42), the corner seats (41) and the bed plates (43),

characterized in

that each of the corner seats (41) has a center hole (411), receiving the respective rod (42), and the number of the bed plates (43) is six or more.

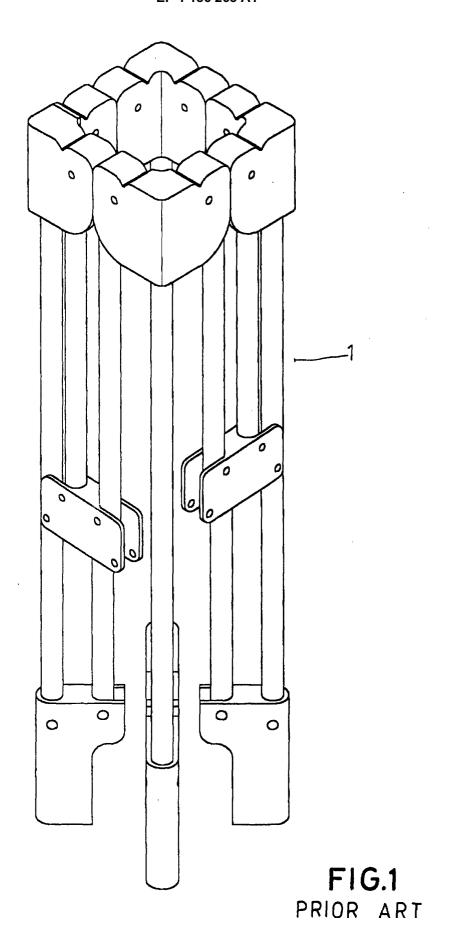
Baby bed assembly according to claim 1, characterized in

that the number of the bed plates (43) amounts to six

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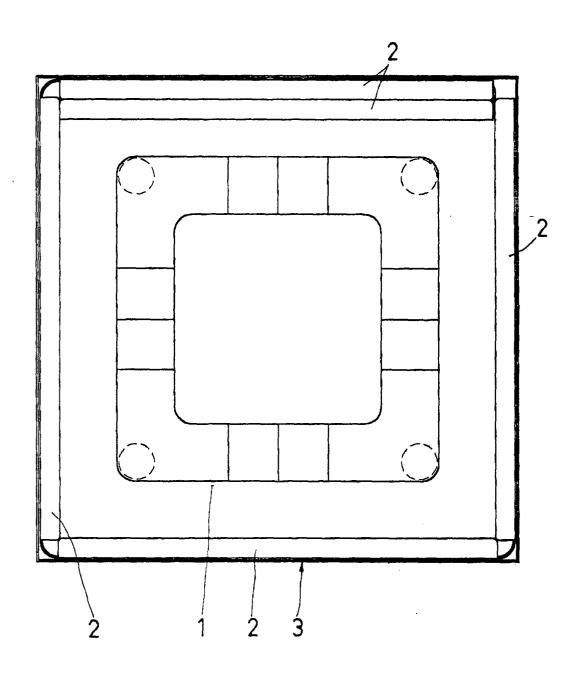


FIG. 2 PRIOR ART

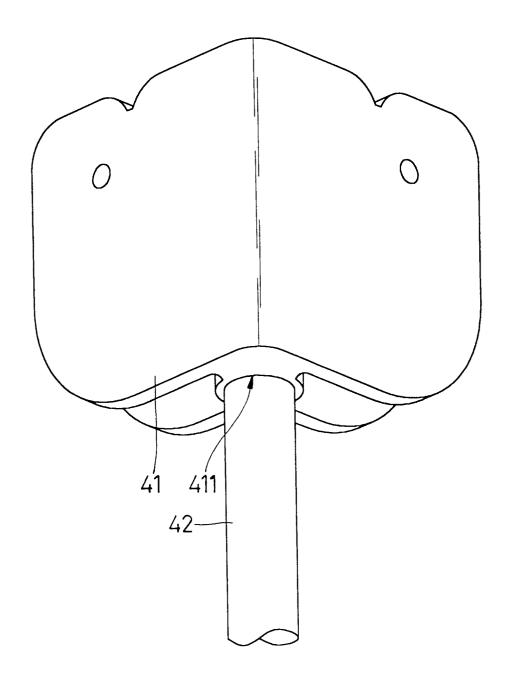


FIG.3

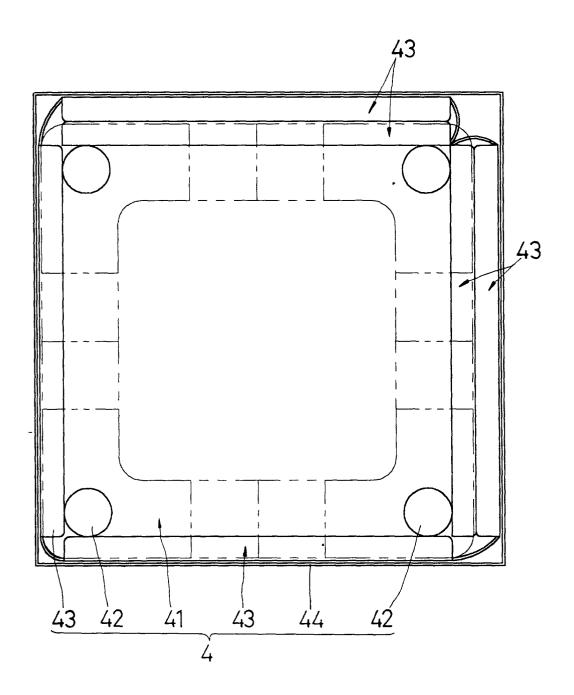


FIG.4



EUROPEAN SEARCH REPORT

Application Number EP 00 11 9516

		RED TO BE RELEVANT	T === :	0.1001-0-1-1-
Category	Citation of document with ind of relevant passa		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)
Х	US 5 911 653 A (CHEN 15 June 1999 (1999-0 * the whole document	6-15)	1,2	A47D7/00 A47D9/00
Х	GB 342 324 A (KAUFMA * claim 9; figures 2		1,2	
X	WO 92 02161 A (BABY 20 February 1992 (19 * page 3, line 33 - figure 1 *	92-02-20)	1,2	
Х	US 5 752 283 A (AREN 19 May 1998 (1998-05 * figure 6 *		1,2	
A	US 2 459 445 A (MC C 18 January 1949 (194 * column 2, line 18		1,2	
				TECHNICAL FIELDS SEARCHED (Int.CI.7)
	The present search report has be	en drawn up for all claims		
	Place of search	Date of completion of the search		Examiner
	THE HAGUE	17 January 2001	Joo	sting, T
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EPO FORM 1503 03.82 (P04C01)

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 00 11 9516

This annex lists the patent family membersrelating to the patent documents cited in the above–mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

17-01-2001

Patent docum cited in search r		Publication date	Patent family member(s)	Publication date
US 5911653	А	15-06-1999	NONE	Armonia de la companya della companya della companya de la companya de la companya della company
GB 342324	Α	1607 ATIU ATIU ATIU ATIU ATIU ATIU ATIU ATIU	NONE	
WO 9202161	A	20-02-1992	AU 8421891 A SE 466631 B SE 9004041 A	02-03-199 16-03-199 10-02-199
US 5752283	A	19-05-1998	NONE	e came camic vane sides with cross came came came came area grave sides acces with acces with
US 2459445	A	18-01-1949	NONE	

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82